

WHAT IS CLAIMED IS:

1) A method for manufacturing a core mold for foam-molding provided with a concavo-convex pattern on its mold surface for forming a design pattern on the surface of a foam-molded article, comprising the steps of:

forming a reverse concavo-convex pattern that is reverse of said concavo-convex pattern, on the surface of a core mold making model made of a conductive material having the same shape as said mold surface; and

transferring said reverse concavo-convex pattern by electric discharge machining to said mold surface, so as to form said concavo-convex pattern.

2) A method for manufacturing a core mold for foam-molding as set forth in Claim 1, further comprising the step of executing a plurality of times said transference by electric discharge machining, each time changing relative positions of said core mold making model against said mold surface.

3) A method for manufacturing a core mold for foam-molding as set forth in Claim 1 or 2, wherein said core mold making model is made of graphite.

4) A core mold for foam-molding manufactured by the method as set forth in Claim 1, comprising a steam path disposed through a convex portion of said concavo-convex pattern.

5) The core mold for foam-molding comprising a plurality of adjoining components, wherein a core mold for foam-molding manufactured by the method as set forth in Claim 1 and/or the core mold for foam-molding as set forth in Claim 4 are employed as said components.

6) The core mold for foam-molding as set forth in Claim 5, further comprising a steam path disposed at a joint of said components.